

FEB 05 2007

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DATE:

PTO IDENTIFIER: Application Number 10/568,534-Conf. #5031  
Patent Number

Inventor: Yasuhiro NUKISATO et al.

MESSAGE TO: US Patent and Trademark Office

FAX NUMBER: (571) 273-8300

FROM: BIRCH, STEWART, KOLASCH &amp; BIRCH, LLP

D. Richard Anderson

PHONE: (703) 205-8035

Attorney Dkt. #: 1163-0545PUS1

PAGES (Including Cover Sheet): 11

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Application No. (if known): 10/568,534

Attorney Docket No.: 1163-0545PUS1

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FEB 05 2007 Docket No.: 1163-0545PUS1  
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Yasuhiro NUKISATO et al.

Application No.: 10/568,534

Filed: February 17, 2006

For: DISCHARGE LAMP BALLAST APPARATUS

Confirmation No.: 5031

Art Unit: N/A

Examiner: Not Yet Assigned

LETTER

MS Assignment Recordation Services  
Director of the US Patent and Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

On the attached "United States Patent and Trademark Office Notice of Recordation of Assignment Document" it is noted that there are typographical errors in the Title of the application and the Serial Number. Additionally, the and Filing date is missing.

With the correction being underlined, the Notice of Recordation recorded at Reel/Frame 017582/0960 should be updated as follows:

The Title should be changed from "Fuel Injector" to --Discharge Lamp Ballast Apparatus--.

The Serial Number should be changed from "10566534" to --10568534--.

The Filing date should be reflected as --2/17/2006--.

Birch, Stewart, Kolesch & Birch, LLP

DRA/ma

Application No.: 10/568,534

Docket No.: 1163-0545PUS1

Support for this correction can be found on the originally submitted Assignment and Recordation Form Cover Sheet.

Please enter the present Letter into the file of the above-identified application and provide a Corrected Notice of Recordation incorporating the above correction.

Because the errors occurred on the part of the U.S. Patent and Trademark Office, no fees should be due.

If you have any questions regarding this request, please contact LaVerne Whetstone at 703-205-8000.

If necessary, the Commissioner is hereby authorized in this, concurrent, and further replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fee required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

Dated:

FEB 05 2007

Respectfully submitted,  
BIRCH, STEWART, KOLASCH & BIRCH, LLP  
8110 Gatehouse Road  
Suite 100 East  
P.O. Box 747  
Falls Church, Virginia 22040-0747  
(703) 205-8000  
Attorneys for Applicant

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1163-6545 puc 1

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UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

MAY 08, 2006

PTAS



\*103186368A\*

D. RICHARD ANDERSON  
BIRCH, STEWART, KOLASCH & BIRCH, LLP  
8110 GATEHOUSE ROAD, SUITE 100 EAST  
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FALLS CHURCH, VA 22040-0747

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RECORDATION DATE: 02/17/2006

REEL/FRAME: 017582/0960  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

NUKISATO, YASUHIRO

DOC DATE: 12/05/2005

ASSIGNOR:

OHSAWA, TAKASHI

DOC DATE: 12/05/2005

ASSIGNEE:

MITSUBISHI DENKI KABUSHIKI KAISHA  
7-3, MARUNOUCHI 2-CHOME  
CHIYODA-KU, TOKYO 100-8310, JAPAN

SERIAL NUMBER: 10566534 10/56-8, 534

PATENT NUMBER:

TITLE: FUEL INJECTOR

FILING DATE:

ISSUE DATE:

2/17/2006

Discharge Lamp  
Ballast Apparatus

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FAX NO.

P. 06

017582/0960 PAGE 2

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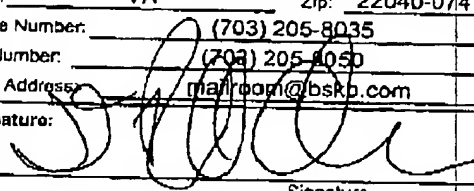
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OMB No. 0651-0027 (exp. 8/30/2005)

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R		103186368		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	
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1. Name of conveying party(ies): Yasuhiro NUKISATO (12/5/2005) and Takashi OHSAWA (12/5/2005)			2. Name and address of receiving party(ies) Name: Mitsubishi Denki Kabushiki Kaisha Internal Address: Street Address: 7-3, Marunouchi 2-chome, Chiyoda-ku Tokyo 100-8310 JAPAN City: 101568534 State: Country: Zip: Additional name(s) & address(es) attached: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
3. Nature of conveyance/Execution Date(s): Execution Date(s): in parentheses after inventor name <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Change of Name <input type="checkbox"/> Security Agreement <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other					
4. Application or patent number(s): A. Patent Application No.(s) NEW Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			<input checked="" type="checkbox"/> This document is being filed together with a new application. B. Patent No.(s)		
5. Name and address to whom correspondence concerning document should be mailed: Name: D. Richard Anderson BIRCH, STEWART, KOLASCH & BIRCH, LLP Internal Address: Atty. Dkt.: 1163-0545PUS1 Street Address: 8110 Gatehouse Road Suite 100 East P.O. Box 747 City: Falls Church State: VA Zip: 22040-0747 Phone Number: (703) 205-8035 Fax Number: (703) 205-4050 Email Address: marioom@bskp.com			6. Total number of applications and patents involved: 1		
9. Signature:  Signature D. Richard Anderson - 40,439 Name of Person Signing			7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 <input type="checkbox"/> Authorized to be charged by credit card <input type="checkbox"/> Authorized to be charged to deposit account <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title)		
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			February 17, 2006 Date Total number of pages including cover sheet, attachments, and documents: 3		

23/2006 GPR-1 0000029 1056534

PL:5021

40,39 OF

Birch, Stewart, Kolasch &amp; Birch, LLP

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1163-0845 page 1

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DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

MAY 08, 2006

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D. RICHARD ANDERSON  
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NUKISATO, YASUHIRO

DOC DATE: 12/05/2005

ASSIGNOR:

OHSAWA, TAKASHI

DOC DATE: 12/05/2005

ASSIGNEE:

MITSUBISHI DENKI KABUSHIKI KAISHA  
7-3, MARUNOUCHI 2-CHOME  
CHIYODA-KU, TOKYO 100-8310, JAPAN

SERIAL NUMBER: 10566534

PATENT NUMBER:

TITLE: FUEL INJECTOR

FILING DATE:

ISSUE DATE:



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P. 09

017582/0960 PAGE 2

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ATTORNEY DOCKET NO.

1163-0545PUS1

## ASSIGNMENT

Application No. NEWFiled 2/17/06Insert Name(s)  
of Inventor(s)WHEREAS, Yasuhiro NUKISATO of c/o Mitsubishi ElectricEngineering Company Limited, 1-13-5, Kudankita,Chiyoda-ku, Tokyo 102-0073 Japan andTakashi OHSAWA of c/o MITSUBISHI DENKI KABUSHIKI KAISHA,7-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 Japan

(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in \_\_\_\_\_

Insert Title  
of Invention

"DISCHARGE LAMP BALLAST APPARATUS"

for which an application for Letters Patent of the United States of America has been executed by the undersigned

Insert Date  
of Signing of  
Applicationon December 5, 2005; andInsert Name  
of AssigneeWHEREAS, MITSUBISHI DENKI KABUSHIKI KAISHAInsert Address  
of Assigneeof 7-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 JapanCHECK BOX  
IF APPROPRIATE

its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and

☐ in any and all foreign countries.

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents does sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries:

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date <u>December 5, 2005</u>	Name of Inventor <u>Yasuhiro Nukisato</u> Yasuhiro NUKISATO (signature)
Date <u>December 5, 2005</u>	Name of Inventor <u>Takashi Ohsawa</u> Takashi OHSAWA (signature)
Date _____	Name of Inventor _____ (signature)
Date _____	Name of Inventor _____ (signature)
Date _____	Name of Inventor _____ (signature)
Date _____	Name of Inventor _____ (signature)

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